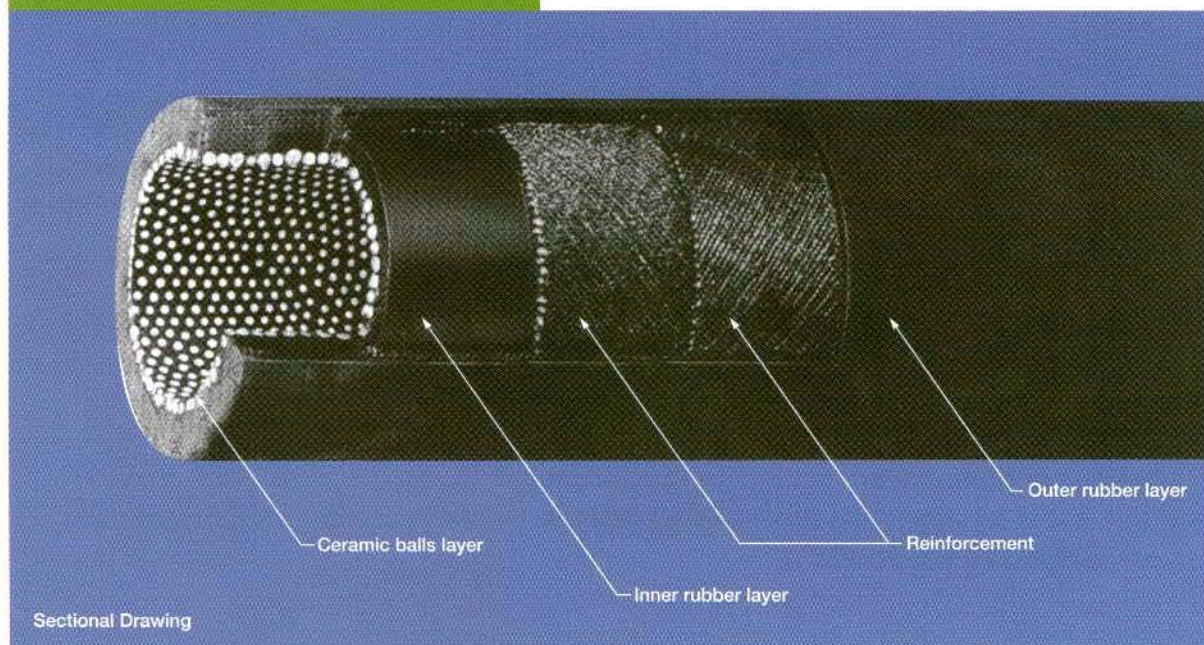


EPOCH-MAKING RUBBER HOSE
TOP ABRASION RESISTANCE

CERAHOSE



Features

Fine-ceramic balls ($\phi 3$ or $\phi 5$, alumina) are densely arranged into the inner rubber layer then adhered strongly with vulcanization. As the ceramics are granular in shape, it has elasticity as good as a rubber hose. CERAHOSE has abrasion resistance many times higher than conventional rubber hose.

Application and Use

(1) Application

Sand blasting

Shot blasting

Blowing cokes into furnace

Blowing mending material into blast furnace



CERAHOSE (fine ceramic balls embedded)

TOHOKU RUBBER JAPAN



Sendai Factory

(2) Examples of use

Application	Hose blowing cokes	Hose for shot blasting
Transporting materials	3~5mm cokes	φ1~φ2mm iron balls
Hose specification	34mm I/D×4plies	50mm I/D×4plies
Life of rubber hose	Not usable after 6 charges (90 min.)	Not usable after 2 months
Life of CERAHOSE	Only light abrasion damage after 300 charges (4,500 min.)	Almost no abrasion damage after 10 months

Standard Specification

In the standard type of CERAHOSE ceramics are buried in the inner rubber layer of abrasion resistant rubber hose. Though ceramics are built-in, its elasticity is similar to conventional rubber hose, thus it has good flexibility.

(1) Standard specification

Standard construction of CERAHOSE includes abrasion resistant rubber as inner and outer layers, and reinforcement of textile cord plies.

(2) Special specification

Suction and discharge type hose with or without built-in type flanges is available. Please consult us for details.

Standard Specification of CERAHOSE

Inner Dia.			Outer Dia.	No. of Cord (Ply)	Max. Working Pressure	Min. Bending radius	Weight
Nominal		Exact					
mm	inch						
19	¾	19.0	38.0	2	0.7	190	1.3
25	1	25.4	45.5	2	0.7	250	1.7
32	1 ¼	31.8	52.0	2	0.7	320	2.0
38	1 ½	38.1	58.0	2	0.7	380	2.3
45	1 ¾	44.5	65.5	2	0.7	450	2.7
50	2	50.8	76.0	4	0.7	500	3.6
65	2 ½	63.5	90.0	4	0.7	650	4.5
75	3	76.2	103.5	4	0.7	750	5.4
100	4	101.6	131.0	4	0.7	1,000	7.6

Standard length is 20m. Other lengths available with consultation.

An anti-static wire can be inserted specially to remove static electricity when the hose is used for sand blast.

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ISO 9001 / ISO 14001

Specifications described in this pamphlet are subject to change without notice.

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